

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
 Organization
 International Bureau



(43) International Publication Date
 26 February 2004 (26.02.2004)

PCT

(10) International Publication Number
WO 2004/017579 A1

(51) International Patent Classification⁷: **H04L 12/56**

(21) International Application Number:
 PCT/KR2003/001648

(22) International Filing Date: 14 August 2003 (14.08.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
 02130506.4 15 August 2002 (15.08.2002) CN

(71) Applicants (for all designated States except US): **SAM-SUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, 442-370 Kyungki-do (KR). **BEIJING SAMSUNG TELECOM R & D CENTER** [CN/CN]; 4F Science and Technology Tower No.11 Zhongguancun Nan Lu, Haidian District, 100081 Beijing (CN).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LEE, Kook-Heui** [KR/KR]; #108-1004, Byucksan 1-cha APT., Suji-eup, Yongin-shi, 449-755 Kyunggi-do (KR). **KIM, Soeng-Hun**

[KR/KR]; #321-1003, Whanggolmaeul Byucksan APT., Youngtong-dong, Paldal-gu, Suwon-shi, 442-744 Kyunggi-do (KR). **CHOI, Sung-Ho** [KR/KR]; #157-401, Whanggolmaeul Jugong APT., Youngtong-dong, Paldal-gu, Suwon-shi, 442-739 Kyunggi-do (KR). **DUAN, Chang** [CN/CN]; 4F Science and Technology Tower No.11 Zhongguancun Nan Lu, Haidian District, 100081 Beijing (CN). **LI, Detao** [CN/CN]; 4F Science and Technology Tower No.11 Zhongguancun Nan Lu, Haidian District, 100081 Beijing (CN).

(74) Agent: **LEE, Keon-Joo**; Mihwa Bldg. 110-2, Myongryun-dong 4-ga, Chongro-gu, Seoul 110-524 (KR).

(81) Designated States (national): DE, GB, JP, KR, US.

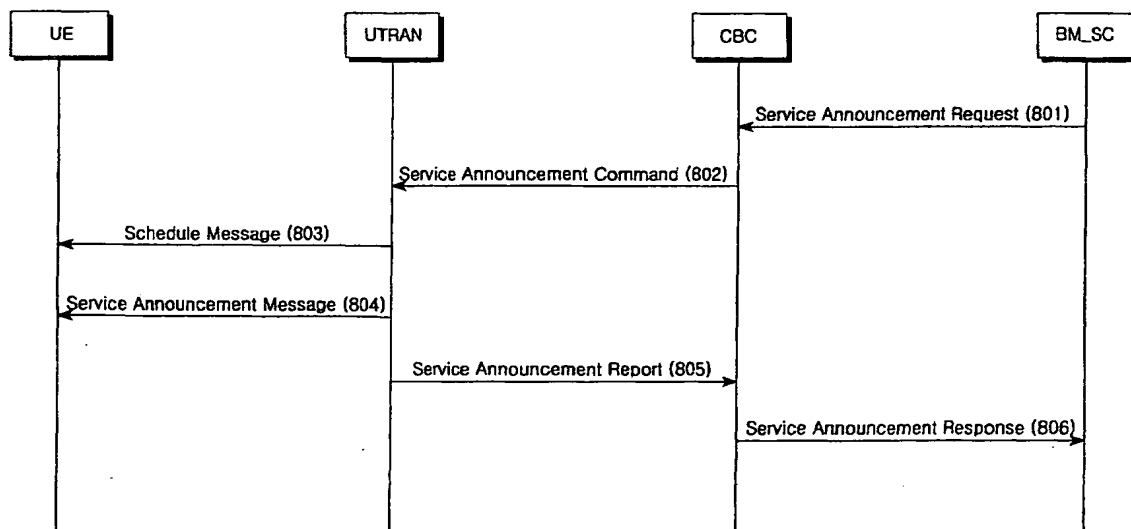
(84) Designated States (regional): European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SK, TR).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MULTIMEDIA BROADCAST/MULTICAST SERVICE ANNOUNCEMENT AND NOTIFICATION



(57) Abstract: The present invention proposes a method of making use of Cell Broadcast to support MBMS transfer service announcement or service notification transfer. The method of transferring service announcement comprises the following steps: CBC commands UTRAN connected with it by a signaling message to send service announcement; UTRAN arranges the prescribed time of sending MBMS service announcement message, adds the brief description information to the schedule message and sends the schedule message; after receiving the schedule message, UE configures physical layer thereof to prepare for receiving MBMS service announcement message. UTRAN sends MBMS service announcement message at the prescribed time.

WO 2004/017579 A1